

# Notice of Allowability

Application No.

10/714,527

Examiner

Thu Nguyen

Applicant(s)

JIN ET AL.

Art Unit

3661

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed February 1, 2007 and the enclosed examiner's amendment.
2. ☒ The allowed claim(s) is/are 1-17, 21-26, 53-55 (now renumbered as claims 1-26).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All   b) ☐ Some\*   c) ☐ None   of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☒ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date 04/26/07.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date 8/9/04; 5/1/07
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☒ Other See Continuation Sheet.

Continuation of Attachment(s) 9. Other: suggested drawing correction fig.6.

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Andrew J. Wu (Reg. No. 43,292) on Wednesday 24, 2007.

The application has been amended as follows:

In the claim:

Please replace claims 1, 17, 21, 25 and 26 with the following:

Claim 1. (currently amended) A method for providing navigational information to a user, comprising the steps of:

- establishing a real-time connection with the user;

- receiving the user's location in real time;

- generating navigational information for the user using at least one automated processor; the processor being capable of providing automated navigation information to the user and controlling suspension and re-establishment of the connection with the user;

- providing said navigational information to the user;

- suspending the connection with the user;

- storing trip information regarding the user's position and destination at the time the connection was suspended;

re-establishing a real-time connection with the user; and  
providing further navigational information to the user, at least partly  
based on the stored trip information.

Claim 17. (Previously Presented) A method of providing wireless telephone service to a plurality of subscribers, comprising the steps of:

establishing a real-time connection with the subscriber at least in part through a wireless telephone network;  
receiving the subscriber's location in real time;  
generating navigational information for the subscriber using at least one automated processor; the processor being capable of providing automated navigation information to the user and controlling suspension and re-establishment of the connection with the user;  
providing said navigational information to the subscriber;  
suspending the connection with the subscriber;  
storing trip information regarding the subscriber's position and destination at the time the connection was suspended;  
re-establishing a real-time connection with the subscriber; and  
providing further navigational information to the subscriber, at least partly based on the stored trip information.

Claim 21. (currently amended) A system for providing location information to a user, comprising:

an interface communicating with the user over a communications network;

an automated processor connected to the interface and configured to generate navigational information based at least in part on information received from the user; the processor being capable of providing automated navigation information to the user and controlling suspension and re-establishment of the connection with the user;

said automated processor configured to suspend interaction with the user and to later resume interaction with the user;

a storage device connected to the processor and configured to store user information, said user information comprising location and destination information for the user;

a transmission device connected to a network, through which the generated navigational information is conveyed to the user.

Claim 25. (Currently Amended) A wireless telephone system providing service to a plurality of users, comprising:

an interface communicating with the user over a communications network;

an automated processor connected to the interface and configured to generate navigational information based at least in part on information received from the user; the processor being capable of providing automated navigation information to the user and controlling suspension and re-establishment of the connection with the user;

said automated processor configured to suspend interaction with the user and to later resume interaction with the user;

a storage device connected to the processor and configured to store user information, said user information comprising location and destination information for the user; and

a transmission device connected to a network, through which the generated navigational information is conveyed to the user.

Claim 26. (Currently Amended) A system for providing navigational information to a user, comprising:

interface means for communicating with the user over a communications network;

automated processor means for generating navigational information based at least in part on information received from the user; the processor being capable of providing automated navigation information to the user and controlling suspension and re-establishment of the connection with the user;

suspension means for suspending interaction with the user and to later resume interaction with the user;

storage means for storing user information, said user information comprising location and destination information for the user;

transmission means for conveying the generated navigational information to the user.

### **Reasons for Allowance**

2. The following is an examiner's statement of reasons for allowance:

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Prior arts of record do not disclose a method for providing navigation information to a user disclosed in claim 1 in which the automated processor is capable of providing automated navigation information to the user and controlling suspension and reestablishment of the connection with the user automatically. The closest prior arts of Cox et al (US 6,580,904) does not disclosed the inventive features. The system disclosed by Cox may be able to determine the travel route from a present location to the destination automatically. However, the system disclosed by Cox cannot provide automated navigation information to the user, as disclosed in col.5, lines 16-18 and col.14, lines 13-29 in the patent US 6,580,904, the travel route is provided to the caller by a human directory assistance agent and the connection and suspension of the connection is performed by the caller.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

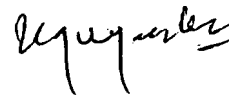
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thu Nguyen whose telephone number is (571) 272-6967. The examiner can normally be reached on T-F (7:30-6:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas Black can be reached on (571) 272-6956. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

April 26, 2007



**THU V. NGUYEN**  
**PRIMARY EXAMINER**



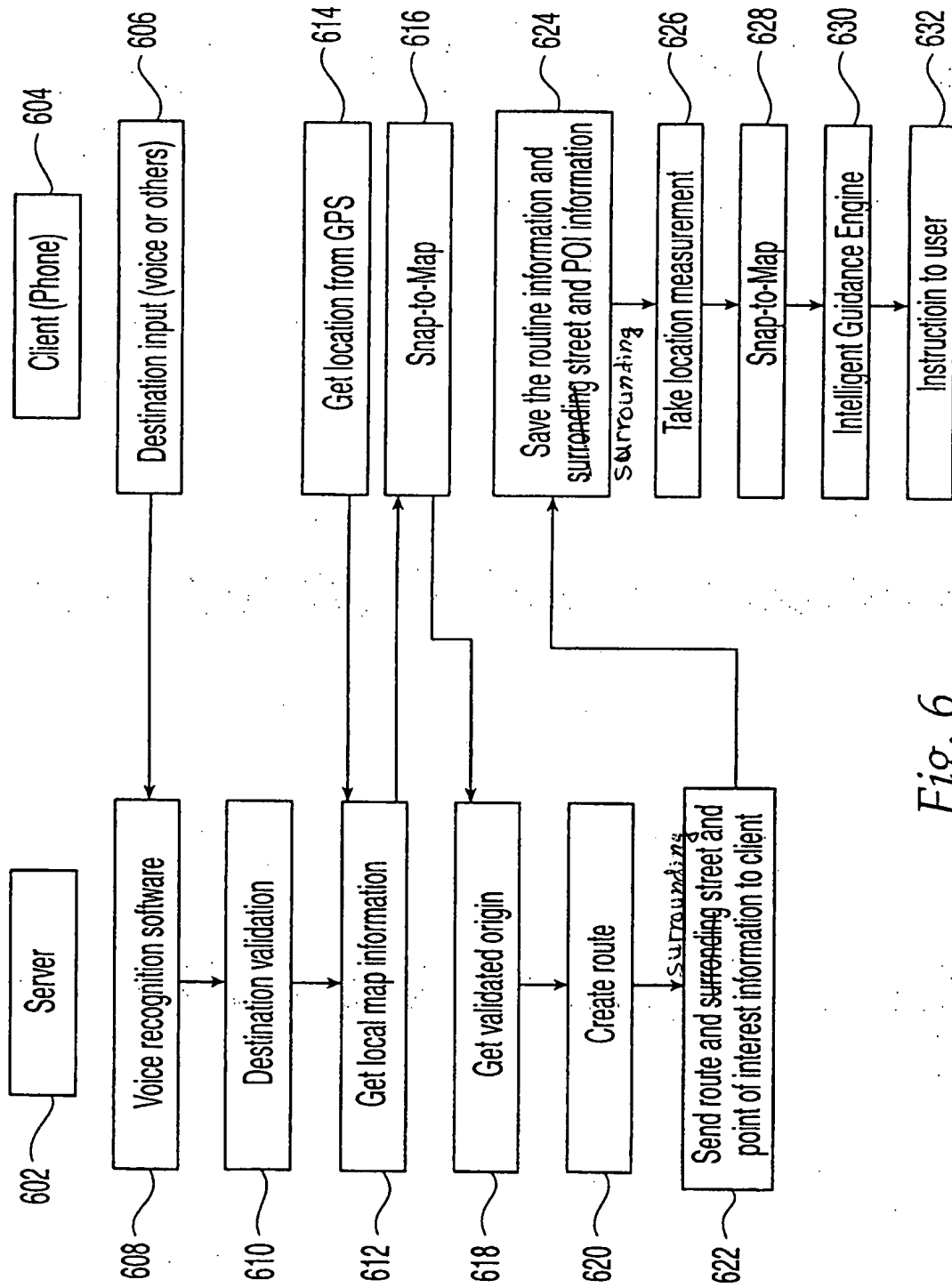


Fig. 6